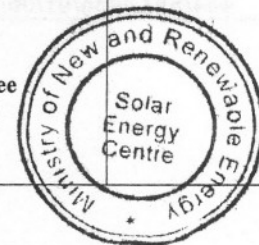


Sample No.444/08

S.N.	Test Description	MNRE Specifications	Manufacturer Claim	SEC Observations	Remarks
1	PV Module i. a) Name of Manufacturer or Distinctive Logo b) Model or Type No. c) Serial No. d) Year of Make ii Wattage of module(measured at 16.4V) under STC conditions iii. Type of Module	Should be available Should be available Should be available Minimum 10W Crystalline Mono/(Multi)/Thin Film	Andromeda AD112 21977 2008 10W -	Andromeda AD112 21977 2008 10.33W Multi Crystalline	Detailed I-V curve is enclosed as page 4.
2	Lamp I Make and Wattage ii No. of Pins iii. Pre Heating Circuit iii Mounting configuration iii Light Output(lumen) a) Prior to 1000 On/Off cycles b)After 1000 on/Off cycles iv Blackening	Should be mentioned 4 pin Should be Provided Preferably base up 370±5% 370±10% Should not be observed	- - Provided - - -	M/s OSRAM 4 Pin Provided Base down 380 lumens 374 Lumens Not Observed	
3	Battery i Make & S. No. ii.Type iii Voltage iv .Capacity at c/20 discharge rate v. % of rated capacity between low and high voltage cut-off.	Should be Mentioned SMF 12V 7Ah 80%	Komatsoo SMF 12V 7Ah	M/s Komatsoo SMF 12V 7.84Ah 88%	Load cutoff to be set at 11.705V to have 75%of the rated capacity between the cutoffs.
4	Electronics i. Type of Wave form . ii. Frequency iii. Crest Factor iv Efficiency v. Idle Current vi. Voltage drop between module & battery terminals vii.PCB installation viii. Temperature Compensation	Sine/Quasi Sine 20-35KHz <1.7 >80% <1mA 0.5V Solder Free Should be provided	Quasi Sine 29KHz - 84% - - Solder free Provided	Quasi Sine 26.507KHz 1.60 82% 0.007mA 0.58V Solder free Provided	



Prepared by: *B. Name*

Approved by: *[Signature]*

Issued By: *[Signature]* 16/04/09

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